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=> FIL HCAPLUS.USPATFULL BIOSIS MEDLINE
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FILE 'MEDLINE' ENTERED AT 13:23:07 ON 19 APR 2007

=> s basic zinc carbonate
L1 699 BASIC ZINC CARBONATE
L2
=> s l1 and pyzithione
L2 16 L1 AND PYRITHIONE

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 16 DUP REM L2 (0 DUPLICATES REMOVED)
=> d l3 1-16 ibib abs

L3 ANSWER 1 OF 16 HCAPLUS COPYRIGHT 2007 ACS ON STN
ACCESSION NUMBER: 2007:41284 HCAPLUS Full-text
DOCUMENT NUMBER: 146:128057
TITLE: Personal care compositions comprising a non-binding thickener with a metal ion
INVENTOR(S): Niebauer, Michael Frederick; Lane, Brandon Scott; Schwartz, James Robert; Warnke, David Thomas
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 38pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007004201	A1	20070111	WO 2006-IB52286	20060706
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, ZA, ZM, ZW			

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NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3 JAN 16 CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAPLUS updated with revised CAS roles
NEWS 7 JAN 22 CA/CAPLUS enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFCDB/IFPAT/IFIUDE reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN
NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
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US 2007009472 A1 20070111 US 2006-479765 20060630
US 2005-696928P P 20050706

PRIORITY APPLN. INFO.:
AB Personal care compn. comprising an effective amt. of a zinc-contg. material; a surfactant; a cationic, or a nonionic thickening polymer, or a mixture thereof. The present invention may be a multi-phase personal care composition comprising: at least two phases wherein at least one of the phases comprises an effective amount of a zinc containing material, at least one surfactant, and at least one cationic or nonionic thickening polymer, or a mixture thereof, and the at least two phases are visually distinct phases that are packaged in phys. contact and maintain stability. In the present invention, the at least one cationic or nonionic thickening polymers, or mixts. thereof, does not bind completely to the zinc ions from the zinc containing material. A cosmetic composition contained sodium laureth sulfate 10.00, sodium lauryl sulfate 6.00, Polyquaternium-10 0.400, gellan gum 2.00, dimethicone 0.85, ZPT 1.000, glycol distearate 1.50, basic zinc carbonate 1.610, CMEA 1.600, hydrochloric acid 0.42, magnesium sulfate 0.28, sodium chloride 0.800, perfume 0.700, sodium benzoate 0.250, benzyl alc. 0.022, and water q.s. 100%.

REFERENCE COUNT: 6
THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2007:11065 USPATFULL Full-text
TITLE: Personal care compositions comprising a non-binding thickener with a metal ion

INVENTOR(S): Niebauer, Michael Frederick, Cincinnati, OH, UNITED STATES
Lane, Brandon Scott, Hamilton, OH, UNITED STATES
Schwartz, James Robert, West Chester, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES

NUMBER KIND DATE
US 2007009472 A1 20070111
US 2006-479765 A1 20060630 (11)

PATENT INFORMATION: US 2007009472 A1 20070111
APPLICATION INFO.: US 2006-479765 A1 20060630 (11)

PRIORITY INFORMATION: US 2005-696928P 20050706 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL BUSINESS CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US

NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
LINE COUNT: 1254

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Personal care composition comprising an effective amount of a zinc containing material; a surfactant; a cationic, or a nonionic thickening polymer, or a mixture thereof. The present invention may be a multi-phase personal care composition comprising: at least two phases wherein at least one of the phases comprises an effective amount of a zinc containing material, at least one surfactant, and at least one cationic or nonionic thickening polymer, or a mixture thereof, and the at least two phases are visually distinct phases that are packaged in physical contact and maintain

stability. In the present invention, the at least one cationic or nonionic thickening polymers, or mixtures thereof, does not bind completely to the zinc ions from the zinc containing material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2006:202027 USPATFULL Full-text
TITLE: Diiodomethyl-p-tolylsulfone as a particulate dispersion in a liquid solvent in combination with an anti-dandruff active

INVENTOR(S): Schwartz, James Robert, West Chester, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Kaufman, David Joseph, Fairfield, OH, UNITED STATES
Tornes, Gregory V., Loveland, OH, UNITED STATES
Verbrugge, Theodore Jay, Reilly, OH, UNITED STATES

NUMBER KIND DATE
US 2006171911 A1 20060803
US 2006-341052 A1 20060127 (11)

PATENT INFORMATION:
APPLICATION INFO.:

PRIORITY INFORMATION: US 2005-648239P 20050128 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US

NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
LINE COUNT: 2776

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a composition comprising an effective amount of diiodomethyl-p-tolylsulfone wherein the diiodomethyl-p-tolylsulfone is present as a particulate dispersion, an effective amount of a surfactant, and an effective amount of an antidandruff active.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2006:27552 USPATFULL Full-text
TITLE: Composition comprising particulate zinc material with a high relative zinc liability

INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, KY, UNITED STATES
Margraf, Carl Hinz III, Cincinnati, OH, UNITED STATES
Tornes, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Chang, Debora W., Mason, OH, UNITED STATES
Dunlop, David Scott, Mason, OH, UNITED STATES
Labitzke, Kevin M., Fairfield, OH, UNITED STATES
Murawski, Sandra Lou, Fairfield, OH, UNITED STATES
Gore, William Jeffrey, Montgomery, OH, UNITED STATES
Verbrugge, Theodore Jay, Reilly, OH, UNITED STATES
The Procter & Gamble Company (U.S. corporation)

AB A method of preserving wood includes injecting into the wood an effective amount of a aqueous wood-injectable biocidal slurry, said a wood-injectable biocidal slurry containing dispersants and sub-micron biocidal particles selected from at least one of the following classes: 1) a plurality of particles containing at least 25% by weight of a solid phase of sparingly soluble salts selected from copper salts, nickel salts, tin salts, and/or zinc salts; 2) a plurality of particles containing at least 25% by weight of a solid phase of sparingly soluble metal hydroxides selected from copper hydroxide, nickel hydroxide, tin hydroxide, and/or zinc hydroxide; 3) a plurality of particles containing at least 25% by weight of a solid phase comprising a substantially-insoluble organic biocide selected from triazoles, chlorothalonil, lodo-propynyl butyl carbamate, copper-8-quinolate, fipronil, imidacloprid, bifenthrin, carbaryl, strebulurins, and indoxacarb; 4) a plurality of particles containing on the outer surface thereof a substantially-insoluble organic biocide; 5) a plurality of particles containing a solid phase of a biocidal, partially or fully glassified composition comprising at least one of Zn, B, Cu, and P. The particles may advantageously contain metallic copper, a leachability barrier, pigments, dyes, or other adjuvants disposed on the outer surface thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005:289869 USPTAFULL Full-text
TITLE: Particulate wood preservative and method for producing same
INVENTOR(S): Richardson, H. Wayne, Sumter, SC, UNITED STATES
Hodge, Robert L., Sumter, SC, UNITED STATES

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005:292705 USPTAFULL Full-text
TITLE: Composition, method of making, and treatment of wood with an injectable wood preservative slurry having biocidal particles
INVENTOR(S): Hodge, Robert L., Sumter, SC, UNITED STATES
Richardson, H. Wayne, Sumter, SC, UNITED STATES
Pompeo, Michael P., Sumter, SC, UNITED STATES
Hayden, Christopher G., Alexandria, VA, UNITED STATES

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005:292705 USPTAFULL Full-text
TITLE: Composition, method of making, and treatment of wood with an injectable wood preservative slurry having biocidal particles
INVENTOR(S): Hodge, Robert L., Sumter, SC, UNITED STATES
Richardson, H. Wayne, Sumter, SC, UNITED STATES
Pompeo, Michael P., Sumter, SC, UNITED STATES
Hayden, Christopher G., Alexandria, VA, UNITED STATES

AB The present invention relates to a composition comprising an effective amount of a particulate zinc material, an effective amount of a surfactant including a surfactant with an anionic functional group wherein the particulate zinc material has a relative zinc lability of greater than about 15% and wherein the composition comprises less than 5.5 micromoles of a zinc binding material per gram of the particulate zinc material/per m.sup.2/gram surface area of the particulate zinc material.

PATENT INFORMATION: US 2004-571535P 20040517 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MORGAN LEWIS & BOCKIUS LLP, 1111 PENNSYLVANIA AVENUE NW, WASHINGTON, DC, 20004, US

NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 4498

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A wood preservative includes injectable particles comprising one or more sparingly soluble copper salts. The copper-based particles are sufficiently insoluble so as to not be easily removed by leaching but are sufficiently soluble to exhibit toxicity to primary organisms primarily responsible for the decay of the wood. Exemplary particles contain for example copper hydroxide, basic copper carbonate, copper carbonate, basic copper sulfates including particularly tribasic copper sulfate, basic copper nitrates, copper oxychlorides, copper borates, basic copper borates, and mixtures thereof. The particles typically have a size distribution in which at least 50% of particles have a diameter smaller than 0.25 µm, 0.2 µm, or 0.15 µm. At least about 20% and even more than 75% of the weight of the particles may

PATENT INFORMATION: US 2006024381 A1 20060202
APPLICATION INFO.: US 2005-216520 A1 20050831 (11)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2005-100648, filed on 7 Apr 2005, PENDING Continuation-in-part of Ser. No. US 2004-802166, filed on 17 Mar 2004, PENDING

PATENT INFORMATION: US 2003-455963P 20030318 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US

NUMBER OF CLAIMS: 32
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 2473

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a composition comprising an effective amount of a particulate zinc material, an effective amount of a surfactant including a surfactant with an anionic functional group wherein the particulate zinc material has a relative zinc lability of greater than about 15% and wherein the composition comprises less than 5.5 micromoles of a zinc binding material per gram of the particulate zinc material/per m.sup.2/gram surface area of the particulate zinc material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005:292705 USPTAFULL Full-text
TITLE: Composition, method of making, and treatment of wood with an injectable wood preservative slurry having biocidal particles
INVENTOR(S): Hodge, Robert L., Sumter, SC, UNITED STATES
Richardson, H. Wayne, Sumter, SC, UNITED STATES
Pompeo, Michael P., Sumter, SC, UNITED STATES
Hayden, Christopher G., Alexandria, VA, UNITED STATES

AB The present invention relates to a composition comprising an effective amount of a particulate zinc material, an effective amount of a surfactant including a surfactant with an anionic functional group wherein the particulate zinc material has a relative zinc lability of greater than about 15% and wherein the composition comprises less than 5.5 micromoles of a zinc binding material per gram of the particulate zinc material/per m.sup.2/gram surface area of the particulate zinc material.

PATENT INFORMATION: US 2004-571535P 20040517 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MORGAN LEWIS & BOCKIUS LLP, 1111 PENNSYLVANIA AVENUE NW, WASHINGTON, DC, 20004, US

NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 4498

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A wood preservative includes injectable particles comprising one or more sparingly soluble copper salts. The copper-based particles are sufficiently insoluble so as to not be easily removed by leaching but are sufficiently soluble to exhibit toxicity to primary organisms primarily responsible for the decay of the wood. Exemplary particles contain for example copper hydroxide, basic copper carbonate, copper carbonate, basic copper sulfates including particularly tribasic copper sulfate, basic copper nitrates, copper oxychlorides, copper borates, basic copper borates, and mixtures thereof. The particles typically have a size distribution in which at least 50% of particles have a diameter smaller than 0.25 µm, 0.2 µm, or 0.15 µm. At least about 20% and even more than 75% of the weight of the particles may

be composed of the substantially crystalline copper salt. Wood or a wood product may be impregnated with copper-based particles of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005:234045 USPTAFULL Full-text
TITLE: Composition comprising zinc-containing layered material with a high relative zinc lability
INVENTOR(S): King, Bonnie Theresa, Hamilton, OH, UNITED STATES
Johnson, Eric Scott, West Chester, OH, UNITED STATES
Margraf, Karl Hinz III, Cincinnati, OH, UNITED STATES
Tormos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Chang, Debora W., Mason, OH, UNITED STATES
Dunlop, David Scott, Mason, OH, UNITED STATES
Labitzke, Kevin M., Fairfield, OH, UNITED STATES
Murawski, Sandra Lou, Fairfield, OH, UNITED STATES
Gore, William Jeffrey, Montgomery, OH, UNITED STATES

PATENT INFORMATION: US 2005:202984 A1 20050915
APPLICATION INFO.: US 2005-100648 A1 20050407 (11)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-802166, filed on 17 Mar 2004, PENDING

NUMBER KIND DATE
US 2003-455963P 20030318 (60)
UTILITY

DOCUMENT TYPE: APPLICATION
FILE SEGMENT: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY
LEGAL REPRESENTATIVE: DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US

NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1
LINE COUNT: 1843

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to a composition comprising an effective amount of zinc-containing layered material, an effective amount of a surfactant including a surfactant with an anionic functional group, an effective amount of a cationic polymer wherein the cationic polymer has a trimethylamine level of less than about 45 ppm, wherein the zinc-containing layered material has a relative zinc lability of greater than about 15% and further wherein the composition has a pH of greater than about 6.8.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:799460 HCAPLUS Full-text
DOCUMENT NUMBER: 141:300999
TITLE: Augmentation of pythione activity by zinc-containing layered material in cosmetic compositions
INVENTOR(S): Schwartz, James Robert; Johnson, Eric Scott; King,

Bonnie Theresa; Akred, Joyce Ross; Polson, George; Turtley, Patricia A.
The Procter & Gamble Company, USA: Arch Chemical
PCT Int. Appl., 66 pp.
SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
WO 2004082649 A1 20040930 WO 2004-US8485 20040318
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CM, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NI, NO, NZ, OM, PG, PH, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AZ, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, CN, CO, GW, ML, MR, NE, SN, TD, TG

US 2004213751 A1 20041028 US 2004-803126 20040317
AU 2004222254 A1 20040930 AU 2004-222254 20040318
CA 2519433 A1 20040930 CA 2004-2519433 20040318
EP 1603521 A1 20051214 EP 2004-757640 20040318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK
BR 2004008422 A 20060321 BR 2004-8422 20040318
CN 1758895 A 20060412 CN 2004-80006594 20040318
JP 2006519769 T 20060831 JP 2005-518908 20040318
PRIORITY APPLN. INFO.: US 2003-455780P P 20030318
WO 2004-US8485 A 20040318
AB The present invention relates to a compn. comprising an effective amt. of pythione or a polyvalent metal salt of a pythione and an effective amount of a zinc-containing layered material which provides an augmentation factor >1. The present invention further relates to a method of treating microbial infections, fungal infections, or treating dandruff comprising the use of a composition comprising an effective amount of a zinc-containing layered material which provides an augmentation factor >1. Thus, a shampoo composition contained sodium laureth sulfate 10.00, sodium lauryl sulfate 6.00, EGDS 1.50, CMEA 0.800, cetyl alc. 0.600, guar hydroxypropyltrimonium chloride 0.500, Dimethicone 0.85, zinc pythione 1.00, basic zinc carbonate 1.61, HCl 0.42, MgSO4 0.28, NaCl 0.800, perfume 0.750, sodium benzoate 0.250, Kathon 0.0008, benzyl alc. 0.0225, and water qs to 100%.
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:799459 HCAPLUS Full-text
DOCUMENT NUMBER: 141:301021
TITLE: Cosmetic compositions comprising particulate zinc compounds having a defined crystallite size
INVENTOR(S): Schwartz, James Robert; Johnson, Eric Scott; King, Bonnie Theresa; Akred, Joyce Ross; Margraf, Carl Hinz III; Tormos, Gregory V.; Warnke, David Thomas; Wireko, Fred Christian

FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 73 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004082648	A1	20040930	WO 2004-US8481	20040318	WO 2004082647	A1	20040930	WO 2004-US8486	20040318
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW									
RW: BM, GH, GM, KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG									
US 2004191331	A1	20040930	US 2003-742557	20031219	AU 2004222253	A1	20040930	AU 2004-222255	20040318
AU 2004222253	A1	20040930	AU 2004-222253	20040318	CA 2519350	A1	20040930	CA 2004-2519348	20040318
CA 2519350	A1	20040930	CA 2004-2519350	20040318	EP 1603520	A1	20051214	EP 2004-757641	20040318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK									
BR 200408382	A	20060321	BR 2004-8382	20040318	BR 200408390	A	20060321	BR 2004-8390	20040318
CN 1758893	A	20060412	CN 2004-80006567	20040318	CN 1758896	A	20060412	CN 2004-80006595	20040318
JP 2006515330	T	20060525	JP 2005-518907	20040318	JP 2006515331	T	20060525	JP 2005-518909	20040318
PRIORITY APPL. INFO.: US 2003-455895P P 20030318 WO 2004-US8481 A 20040318									

AB The present invention discloses a compn. comprising a particulate zinc material wherein the particulate zinc material has a crystallite size of <600 Å. The present invention further comprises a shampoo composition comprising a surfactant, a particulate zinc material, a metal salt of pyrrhione, and a suspending agent wherein the particulate zinc material has a crystallite size of <600 Å. Thus, a shampoo composition contained sodium laureth sulfate 10.00, sodium lauryl sulfate 6.00, EGDS 1.50, CMEA 0.800, cetyl alc. 0.600, guar hydroxypropyltrimonium chloride 0.500, Dimethicone 0.85, zinc pyrithione 1.00, basic zinc carbonate 1.61, HCl 0.42, MgSO4 0.28, NaCl 0.800, perfume 0.750, sodium benzoate 0.250, Kathon 0.0008, benzyl alc. 0.0225, and water qs to 100%.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB The present invention relates to a compn. comprising an effective amt. of zinc-containing layered material, an effective amount of a surfactant including a surfactant with an anionic functional group, wherein the zinc-containing layered material has a relative zinc lability of greater than about 15%. The composition further comprises an effective amount of a pyrrhione or a polyvalent metal salt of a pyrrhione. Thus, a formulation contained sodium lauryl sulfate 2.00, decyl glucoside 10.00, EGDS 1.50, CMEA 0.800, cetyl alc. 0.600, guar hydroxypropyltrimonium chloride 0.500, Dimethicone 0.85, 2PT 1.00, basic zinc carbonate 1.61, HCl 0.42, MgSO4 0.28, NaCl 0.800, perfume 0.750, sodium benzoate 0.250, Kathon 0.0008, benzyl alc. 0.0225, and water qs to 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004-802702 HCAPLUS Full-text
DOCUMENT NUMBER: 141:301043
TITLE: Composition comprising zinc-containing layered material with a high relative zinc lability
INVENTOR(S): Schwartz, James Robert; Johnson, Eric Scott; King, Bonnie Theresa; Akred, Joyce Ross; Margraf, Carl Hinz, III; Tormos, Gregory V.; Warnke, David Thomas
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 55 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English

PATENT INFORMATION: US 2004223941 A1 20041111
APPLICATION INFO.: US 2004-802166 A1 20040317 (10)

PRIORITY INFORMATION: US 2003-455963P 20030318 (60)

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2004:246737 USPATFULL Full-text
TITLE: Composition comprising particulate zinc materials having a defined crystallite size
INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, KY, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Tornos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Wireko, Fred Christian, West Chester, OH, UNITED STATES
The Procter & Gamble Company (U.S. corporation)

PATENT ASSIGNEE(S):

PATENT INFORMATION: US 2004191331 A1 20040930
APPLICATION INFO.: US 2003-742557 A1 20031219 (10)

PRIORITY INFORMATION: US 2003-455895P 20030318 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 56
EXEMPLARY CLAIM: 1
LINE COUNT: 2706

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention discloses a composition comprising a particulate zinc material wherein the particulate zinc material has a crystallite size less than 600 Å. The present invention further comprises a shampoo composition comprising an effective amount of a surfactant, an effective amount of a particulate zinc material, an effective amount of a metal salt of pyrrithione, and an effective amount of a suspending agent wherein the particulate zinc material has a crystallite size less than 600 Å.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2004:77076 USPATFULL Full-text
TITLE: Use of materials having zinc ionophoric behavior
INVENTOR(S): Schwartz, James R., West Chester, OH, UNITED STATES
Polson, George, Harwinton, CT, UNITED STATES
Turley, Patricia A., Orange, CT, UNITED STATES
Nelson, John D., Bethleham, CT, UNITED STATES
Gavin, David F., Cheshire, CT, UNITED STATES
Roberts, Katherine P., Derby, CT, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Kaufman, David Joseph, Fairfield, OH, UNITED STATES
Marsh, Randall Glenn, West Chester, OH, UNITED STATES

PATENT INFORMATION: US 2004058855 A1 20040325
APPLICATION INFO.: US 2003-392104 A1 20030318 (10)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
LINE COUNT: 2079

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a composition comprising an effective amount of zinc-containing layered material, an effective amount of a surfactant including a surfactant with an anionic functional group, wherein the zinc-containing layered material has a relative zinc lability of greater than about 15. The present invention further relates to a composition according to Claim 1 wherein the composition further comprises an effective amount of a pyrrithione or a polyvalent metal salt of a pyrrithione.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2004:273260 USPATFULL Full-text
TITLE: Augmentation of pyrrithione activity or a polyvalent metal salt of pyrrithione activity by zinc-containing layered material
INVENTOR(S): Schwartz, James Robert, West Chester, OH, UNITED STATES
Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, NY, UNITED STATES
Akred, Joyce Ross, Cincinnati, OH, UNITED STATES
Polson, George, Harwinton, CT, UNITED STATES
Turley, Patricia A., Orange, CT, UNITED STATES

PATENT INFORMATION: US 2004213751 A1 20041028
APPLICATION INFO.: US 2004-803126 A1 20040317 (10)

PRIORITY INFORMATION: US 2003-455780P 20030318 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
LINE COUNT: 2345

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a composition comprising an effective amount of pyrrithione or a polyvalent metal salt of a pyrrithione and an effective amount of a zinc-containing layered material which provides an augmentation factor greater than 1. The present invention further relates to a method of treating microbial infections, fungal infections, or treating dandruff comprising the use of a composition comprising an effective amount of pyrrithione or a polyvalent metal salt of a pyrrithione, an effective amount of a zinc-containing layered material which provides an augmentation factor greater than 1.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2004:246737 USPATFULL Full-text
TITLE: Composition comprising particulate zinc materials having a defined crystallite size
INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, KY, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Tornos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Wireko, Fred Christian, West Chester, OH, UNITED STATES
The Procter & Gamble Company (U.S. corporation)

PATENT INFORMATION: US 2004191331 A1 20040930
APPLICATION INFO.: US 2003-742557 A1 20031219 (10)

PRIORITY INFORMATION: US 2003-455895P 20030318 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 56
EXEMPLARY CLAIM: 1
LINE COUNT: 2706

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention discloses a composition comprising a particulate zinc material wherein the particulate zinc material has a crystallite size less than 600 Å. The present invention further comprises a shampoo composition comprising an effective amount of a surfactant, an effective amount of a particulate zinc material, an effective amount of a metal salt of pyrrithione, and an effective amount of a suspending agent wherein the particulate zinc material has a crystallite size less than 600 Å.

AB

Disclosed are compositions comprising an effective amount of a zinc containing material having an aqueous solubility within the composition of less than about 25% by weight at 25° C.; from about 5% to about 50% of a surfactant; and from about 40% to about 95% water; wherein the pH of the composition is greater than about 7. Further disclosed are compositions comprising an effective amount of a zinc containing material having an aqueous solubility within the composition of less than about 25% by weight at 25° C.; from about 5% to about 50% of a surfactant; and from about 0.1% to about 5% of a zinc ionophoric material; from about 40% to about 95% water; and wherein the pH of the composition is greater than about 7.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 97:61744 USPTAFULL Full-text
TITLE: Stabilizer for chlorine-containing polymers, process for the preparation thereof and chlorine-containing polymer composition

INVENTOR(S):

Sato, Teiji, Tokyo, Japan
Sato, Toshio, Tokyo, Japan
Sugawara, Toshiaki, Tokyo, Japan
Sawada, Hiroshi, Tokyo, Japan
Wakaki, Seiji, Tokyo, Japan
Ohta, Satoru, Tokyo, Japan
Saito, Masaru, Tokyo, Japan
Mizusawa Industrial Chemicals, Inc., Tokyo, Japan
(non-U.S. corporation)

PATENT ASSIGNEE(S):

US 5648413 19970715
US 1996-594459 19960131 (8)

PATENT INFORMATION:
APPLICATION INFO.:
NUMBER KIND DATE
US 5648413 19970715
US 1996-594459 19960131 (8)

PRIORITY INFORMATION:
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Hoke, Veronica P.
LEGAL REPRESENTATIVE: Robbins, Berliner & Carson, LLP
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1, 12, 15
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 2262

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A stabilizer for chlorine-containing polymers and a process for its preparation. The stabilizer comprises a fat or oil-saponified product composite silicate in the form of hydrophobic particles of a composition containing:

siliceous compound particles composed chiefly of amorphous or low-crystalline silicate of a metal of the Group II of periodic table, a metal of the Group IV and/or a metal of the Group V;

higher fatty acid salts of a metal of the Group II, a metal of the Group IV and/or a metal of the Group V held in the pores or on the surfaces of said siliceous compound; and

PRIORITY INFORMATION:
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
LINE COUNT: 2415

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a method for delivering excess zinc to eukaryotic cells to inhibit the metabolism of the cell, the method comprising treating the cells with a zinc ionophoric that is capable of delivering a zinc ion across a cellular membrane wherein the minimum inhibitory concentration (MIC) of the zinc ionophoric material is less than about 500 ppm. Further disclosed is a method for delivering excess zinc to eukaryotic cells to inhibit the metabolism of the cell, the method comprising treating the cells with a zinc ionophoric material that is capable of delivering a zinc ion across a cellular membrane wherein the zinc ionophoric material is in combination with a zinc containing material and further wherein there is an increase in an intracellular zinc level by 1.5 fold more than would occur in the absence of the zinc ionophoric material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2003:306090 USPTAFULL Full-text
TITLE: Personal care compositions comprising a zinc containing material in an aqueous surfactant composition
INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
Crane, Elizabeth Ann, Martinez, CA, UNITED STATES
Schwartz, James Robert, West Chester, OH, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Tormos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

PATENT INFORMATION:
APPLICATION INFO.:
NUMBER KIND DATE
US 2003215522 A1 20031120
US 2003-392422 A1 20030318 (10)

PRIORITY INFORMATION:
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 46
EXEMPLARY CLAIM: 1
LINE COUNT: 2371

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

a glycerin and/or glycerin derivatives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
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FULL ESTIMATED COST	40.67	40.88	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)			
CA SUBSCRIBER PRICE	SINCE FILE	TOTAL	
	ENTRY	SESSION	
	-3.12	-3.12	

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:25:10 ON 19 APR 2007